

WHAT IS CLAIMED IS:

1. A receiving apparatus, comprising:
receiving means for receiving streaming
contents through a network;
5 power detecting means for detecting an
instruction of a power off from operation instructing
means;
controlling means for, in response to an output
from the power detecting means indicating detection
10 of the power off, controlling the receiving means to
periodically receive during the power off the
streaming contents that are received by the receiving
means immediately before the power off; and
accumulating means for accumulating data of the
15 streaming contents that are periodically received
during the power off.
2. A receiving apparatus according to claim 1,
wherein the controlling means includes
20 metainformation detecting means for detecting
metainformation of the streaming contents that are
received by the receiving means, and controls the
receiving means using the metainformation of the
streaming contents that are received by the receiving
25 means immediately before the power off.
3. A receiving apparatus according to claim 2,

wherein the metainformation includes address information indicating a location on the network of a server that distributes the streaming contents.

5 4. A receiving apparatus according to claim 2, wherein the metainformation detecting means obtains the metainformation from predetermined guide information related to the streaming contents.

10 5. A receiving apparatus according to claim 1, wherein the controlling means includes a timer that generates a timing signal at a predetermined period, and controls the receiving means in response to the timing signal generated by the timer during the power
15 off.

6. A receiving apparatus according to claim 1, wherein the controlling means controls the receiving means to periodically receive predetermined amount of
20 data of the streaming contents.

7. A receiving apparatus according to claim 1,
wherein:

the power detecting means further detects an
25 instruction of a power on; and
in response to an output indicating detection
of the power on, the controlling means reads the data

of the streaming contents which is accumulated in the accumulating means.

8. A receiving apparatus according to claim 7,
5 further comprising data processing means for processing the data of the streaming contents read from the accumulating means, and outputting the data to a monitor device.

- 10 9. A receiving apparatus, comprising:
receiving means for receiving streaming contents through a network;
outputting means for outputting the streaming contents to a monitor device;

- 15 detecting means for detecting an instruction of a monitor stop for the streaming contents;
controlling means for, in response to an output from the detecting means indicating detection of a monitor stop, controlling the receiving means to

- 20 periodically receive during the monitor stop the streaming contents that are received by the receiving means immediately before the monitor stop; and
accumulating means for accumulating data of the streaming contents that are periodically received

- 25 during the monitor stop.

10. A receiving apparatus according to claim 9,

wherein the controlling means includes
metainformation detecting means for detecting
metainformation of the streaming contents that are
received by the receiving means, and controls the
5 receiving means using the metainformation of the
streaming contents that are received by the receiving
means immediately before the monitor stop.

11. A receiving apparatus according to claim 10,
10 wherein the metainformation includes address
information indicating a location on the network of a
server that distributes the streaming contents.

12. A receiving apparatus according to claim 10,
15 wherein the metainformation detecting means obtains
the metainformation from predetermined guide
information related to the streaming contents.

13. A receiving apparatus according to claim 9,
20 wherein the controlling means includes a timer that
generates a timing signal at a predetermined period,
and controls the receiving means in response to the
timing signal generated by the timer during the
monitor stop.

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14. A receiving apparatus according to claim 9,
wherein the controlling means controls the receiving

means to periodically receive predetermined amount of data of the streaming contents.

15. A receiving apparatus according to claim 9,
5 wherein:

the detecting means further detects an instruction of a monitor start; and
in response to an output indicating detection of the monitor start, the controlling means reads the
10 data of the streaming contents which is accumulated in the accumulating means.

16. A receiving apparatus according to claim 9,
wherein the instruction of the monitor stop is
15 outputted when contents outputted to the monitor device is switched from the streaming contents into other contents than the streaming contents.

17. A receiving apparatus according to claim 16,
20 further comprising a tuner for receiving a television broadcast,

wherein the other contents include a television broadcast program received by the tuner.

25 18. A receiving apparatus according to claim 9,
wherein:

the detecting means further detects an

instruction of a monitor start for the streaming contents; and

in response to the instruction of the monitor start, the controlling means reads the data of the
5 streaming contents which is accumulated in the accumulating means, and outputs the data to the monitor device.

19. A receiving apparatus, comprising:

10 receiving means for receiving streaming contents through a network;

controlling means for, based on predetermined guide information related to plural sets of the streaming contents, controlling the receiving means
15 to periodically receive the plural sets of the streaming contents in parallel; and

accumulating means for accumulating data of the plural sets of the streaming contents that are periodically received.

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20. A receiving apparatus according to claim 19, wherein the controlling means includes metainformation detecting means for detecting metainformation of the streaming contents that are
25 received by the receiving means, and controls the receiving means using the metainformation of the streaming contents that are received by the receiving

means immediately before a power off.

21. A receiving apparatus according to claim 20,
wherein the metainformation includes address
5 information indicating a location on the network of a
server that distributes the streaming contents.

22. A receiving apparatus according to claim 20,
wherein the metainformation detecting means obtains
10 the metainformation from the predetermined guide
information.

23. A receiving apparatus according to claim 19,
wherein the controlling means includes a timer that
15 generates a timing signal at a predetermined period,
and controls the receiving means in response to the
timing signal generated by the timer.

24. A receiving apparatus according to claim 19,
20 wherein the controlling means controls the receiving
means to periodically receive predetermined amount of
data of the plural sets of the streaming contents in
parallel.

25. A receiving apparatus according to claim 19,
wherein the controlling means starts to receive the
plural sets of the streaming contents at a power on.

26. A receiving apparatus according to claim 19,
further comprising outputting means for selectively
outputting the streaming contents and other contents
5 to a monitor device,

wherein the controlling means controls the
receiving means to periodically receive the plural
sets of the streaming contents during a period when
the outputting means outputs the other contents to
10 the monitor device.

27. A receiving apparatus according to claim 19,
wherein the controlling means controls the receiving
means to periodically receive the plural sets of the
15 streaming contents during a power off of the
receiving apparatus.

28. A receiving apparatus which receives
arbitrarily selected streaming contents through a
20 network by receiving means, and outputs the received
streaming contents to a monitor device in an
audiovisually enjoyable form, the receiving apparatus
comprising:

estimating means for estimating and determining
25 a streaming contents preference to be selected from
plural sets of the streaming contents based on a user
profile;

controlling means for controlling the receiving means to periodically receive the streaming contents preference determined by the estimating means, during a power off; and

- 5 accumulating means for accumulating data of the streaming contents preference that is periodically received.

29. A receiving apparatus which receives
10 arbitrarily selected streaming contents through a network by receiving means, and selectively outputs the received streaming contents and other contents to a monitor device in an audiovisually enjoyable form, the receiving apparatus comprising:

- 15 estimating means for estimating and determining a streaming contents preference to be selected from plural sets of the streaming contents based on a user profile;

 controlling means for controlling the receiving means to periodically receive the streaming contents preference determined by the estimating means during a period when the other contents are outputted to the monitor device; and

- 25 accumulating means for accumulating data of the streaming contents preference that is periodically received.

30. A receiving apparatus which receives arbitrarily selected streaming contents through a network by receiving means, and outputs the received streaming contents to a monitor device in an 5 audiovisually enjoyable form, the receiving apparatus comprising:

estimating means for estimating and determining a streaming contents preference to be selected from plural sets of the streaming contents based on a user 10 profile;

controlling means for, in response to a power on, controlling the receiving means to periodically receive the streaming contents preference determined by the estimating means; and

15 accumulating means for accumulating data of the streaming contents preference that is periodically received.

31. A receiving apparatus according to claim 28, 20 further comprising user profile generating means for generating the user profile based on an audiovisual enjoying history of the streaming contents audiovisually enjoyed on the monitor device.

25 32. A receiving apparatus according to claim 28, wherein the estimating means performs estimation on the streaming contents again when the user profile is

renewed.

33. A receiving apparatus according to claim 28,
wherein: the estimating means determines a plurality
5 of the streaming contents preferences; and

the controlling means controls the receiving
means to periodically receive the plurality of the
streaming contents preferences in parallel.

10 34. A receiving apparatus according to claim 33,
wherein the accumulating means accumulates data of
the plurality of the streaming contents preferences
in parallel.

15 35. A receiving apparatus according to claim 29,
further comprising user profile generating means for
generating the user profile based on an audiovisual
enjoying history of the streaming contents and the
other contents audiovisually enjoyed on the monitor
20 device.

36. A receiving method for receiving streaming
contents through a network, the receiving method
comprising:

25 in response to an instruction of a power off,
periodically receiving during the power off the
streaming contents that are received immediately

before the power off; and

accumulating in accumulating means data of the streaming contents that are periodically received during the power off.

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37. A receiving method for receiving streaming contents through a network and outputting the streaming contents to a monitor device, the receiving method comprising:

10 in response to an instruction of a monitor stop for the streaming contents, periodically receiving during the monitor stop the streaming contents that are received immediately before the monitor stop; and
 accumulating in accumulating means data of the
15 streaming contents that are periodically received during the monitor stop.

38. A receiving method for receiving streaming contents through a network, the receiving method
20 comprising:

 based on predetermined guide information related to plural sets of the streaming contents, periodically receiving the plural sets of the streaming contents in parallel; and
25 accumulating in accumulating means data of the plural sets of the streaming contents that are periodically received.

39. A receiving method for receiving arbitrarily selected streaming contents through a network by receiving means, and outputting the
5 received streaming contents to a monitor device in an audiovisually enjoyable form, the receiving method comprising:

estimating and determining a streaming contents preference to be selected from plural sets of the
10 streaming contents based on a user profile;

periodically receiving the streaming contents preference determined, during a power off; and

accumulating in accumulating means data of the streaming contents preference that is periodically
15 received.

40. A receiving method for receiving arbitrarily selected streaming contents through a network by receiving means, and selectively
20 outputting the received streaming contents and other contents to a monitor device in an audiovisually enjoyable form, the receiving method comprising:

estimating and determining a streaming contents preference to be selected from plural sets of the
25 streaming contents based on a user profile;

periodically receiving the streaming contents preference determined during a period when the other

contents are outputted to the monitor device; and accumulating in accumulating means data of the streaming contents preference that is periodically received.

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41. A receiving method for receiving arbitrarily selected streaming contents through a network by receiving means, and outputting the received streaming contents to a monitor device in an 10 audiovisually enjoyable form, the receiving method comprising:

estimating and determining a streaming contents preference to be selected from plural sets of the streaming contents based on a user profile;
15 in response to a power on, periodically receiving the streaming contents preference determined; and
accumulating in accumulating means data of the streaming contents preference that is periodically 20 received.